

LAND GRID ARRAY CONNECTOR ASSEMBLY WITH MOUNTING BASE

Abstract

An electrical connector assembly (1) for electrically connecting an electronic package (5) with a circuit substrate. The connector assembly includes an electrical connector (2) and a mounting base (3). The connector defines a pair of spring arms (241) in two adjacent sidewalls (24). The mounting base defines a pair of guiding blocks (321) corresponding to the spring arms. When the connector is put in the mounting base, the spring arms slidably engage with the blocks, and the spring arms are pushed to bent outwardly. Thus the electronic package can be attached on the connector with zero insertion force. Then the connector is removed from the mounting base. The spring arms disengage from the blocks, and resiliently rebound toward their normal positions thereby secure the electronic package in the connector.